

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : HITACHI CONDENSER CO LTD

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(54) ELECTROLYTE FOR ELECTROLYTIC CAPACITOR

(57)Abstract:

PURPOSE: To easily perform melting while reducing production time and contriving the improvement of work by setting saponification of polyvinyl alcohol to a specific range.

CONSTITUTION: Polyatomic alcohol such as ethylene glycol, glyceline, 1,2,4- butadiol, diethylene glycol is used as a solvent. Adipic acid, azelaic acid, sebacic acid, benzoic acid, oxalic acid, butyloctaic acid and the like are used as a solute. Polyvinyl alcohol of saponification of a degree of 60-90% is added as addition agent in a liquid composed of the solvent and the solute to be electrolyte. Thereby, an acetyl group is properly introduced in a polymer to prevent electrostatic combination of hydroxyl groups. As the result, the crystallization of polyvinyl alcohol is remarkably lowered to increase a solution rate for polyatomic alcohol.